

The Mint of the United States at Philadelphia

Assayer's Department

April 20th 1896,

Hon. Herman Kretz.

Superintendent.

Sir -

Referring to the letter of the Assayer in charge at U.S. Assay office at Helena, calling attention to a discrepancy in fineness of Mass melt No. 46, I may state that this melt was assayed as usual, top and bottom cuttings being taken from the bar. The results were identical viz 761. It is our custom when we find a variation from a reported fineness to re-assay from new and deeper cuttings, avoiding as far as possible any surface metal. This was not done in this case as there was no fineness reported, and there was very little variation in value of the mass as invoiced, and the value calculated from our assays.

The weight of the mass as invoiced was 1129.55 ozs.

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value. \$17770.34. - My calculation of value of 1129.55 ozs at 761 fine. was \$17769.24. On receipt of the letter of April 13th from Helena, I made new arrays from samples on hand, with a proof corresponding in fineness,

with the following results.. 761.2 761.3, - I endeavored to obtain new cuttings from bar, but was unable to do so, as the gold was already in refinery.

The other case mentioned (bar 1679), was unable to assay, as samples had been returned to melter & refiner. -

The weight of the ^{above} mass melt as we found it was 1129.05 and not 1129.55. -

Very respectfully

Jacob B. Eckfeldt

Rec^d April 18th 1896

Mint of the U. S. at Philadelphia, Pa.

ASSAYER'S DEPARTMENT

998

Apr 13^e, 1896

E. W. Mader

Assayer *ick*
Belous

SUBJECT:

Mass melt Gold Pullin

Ask that the work be gone over
again to see if his work was not
correct as per statement.

No. of Inclosures, ...

[Abstract:] Mass melt gold bullion...

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The weight of the mass as invoiced was 1129.55 ozs. value, \$17770.34. – My calculation of value of 1129.55 ozs at 761 fine, was \$17769.24. On receipt of the letter of April 13, from Helena, I made new assays from samples on hand, with a proof corresponding in fineness, with the following results... 761.2 761.3. – I endeavor to obtain new cuttings from bar, but was unable to do so, as the gold was already in refinery.

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Very respectfully,
Jacob B. Eckfeldt